DOCKET NO. 1852560

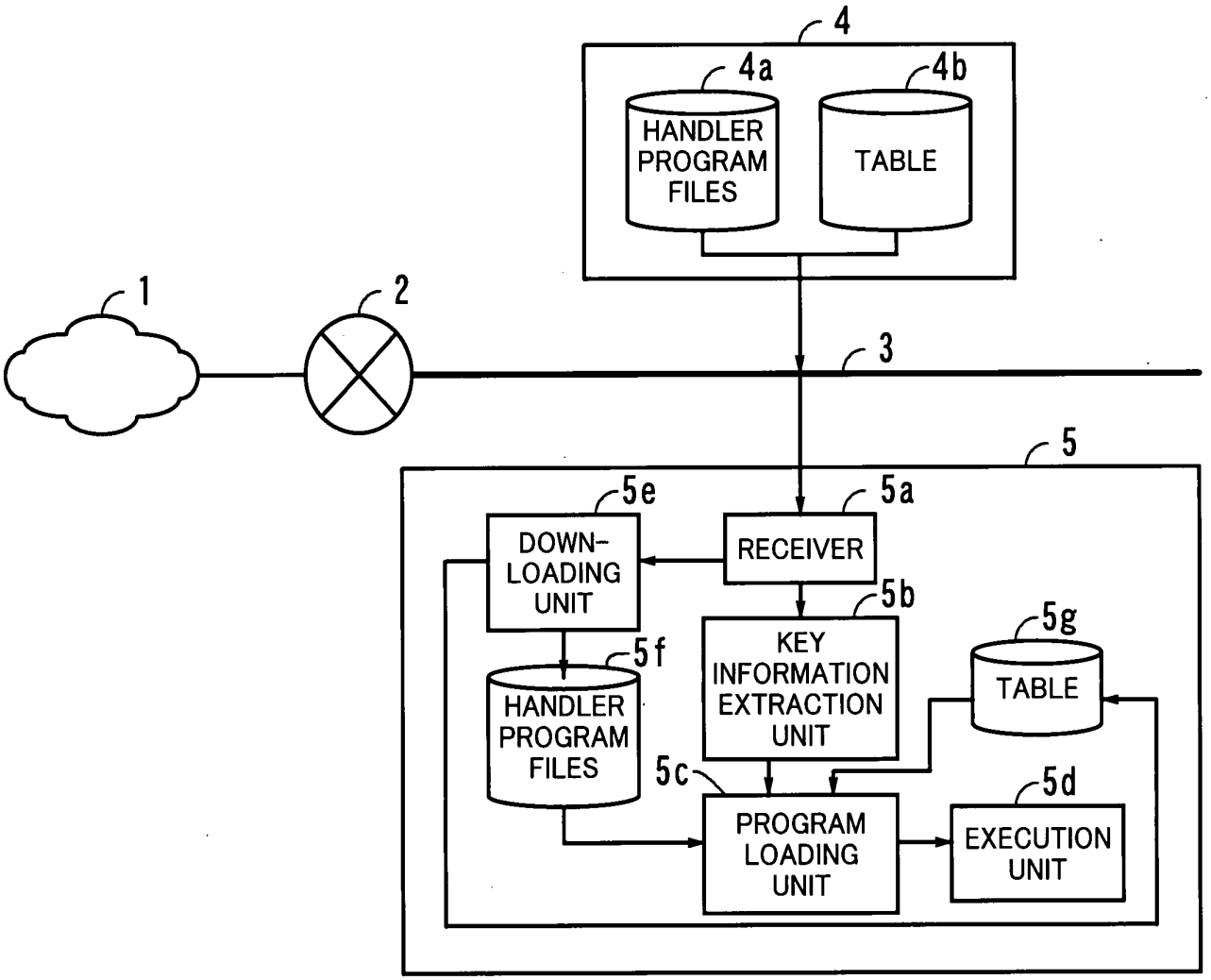

FIG.1

000T20"h8522560

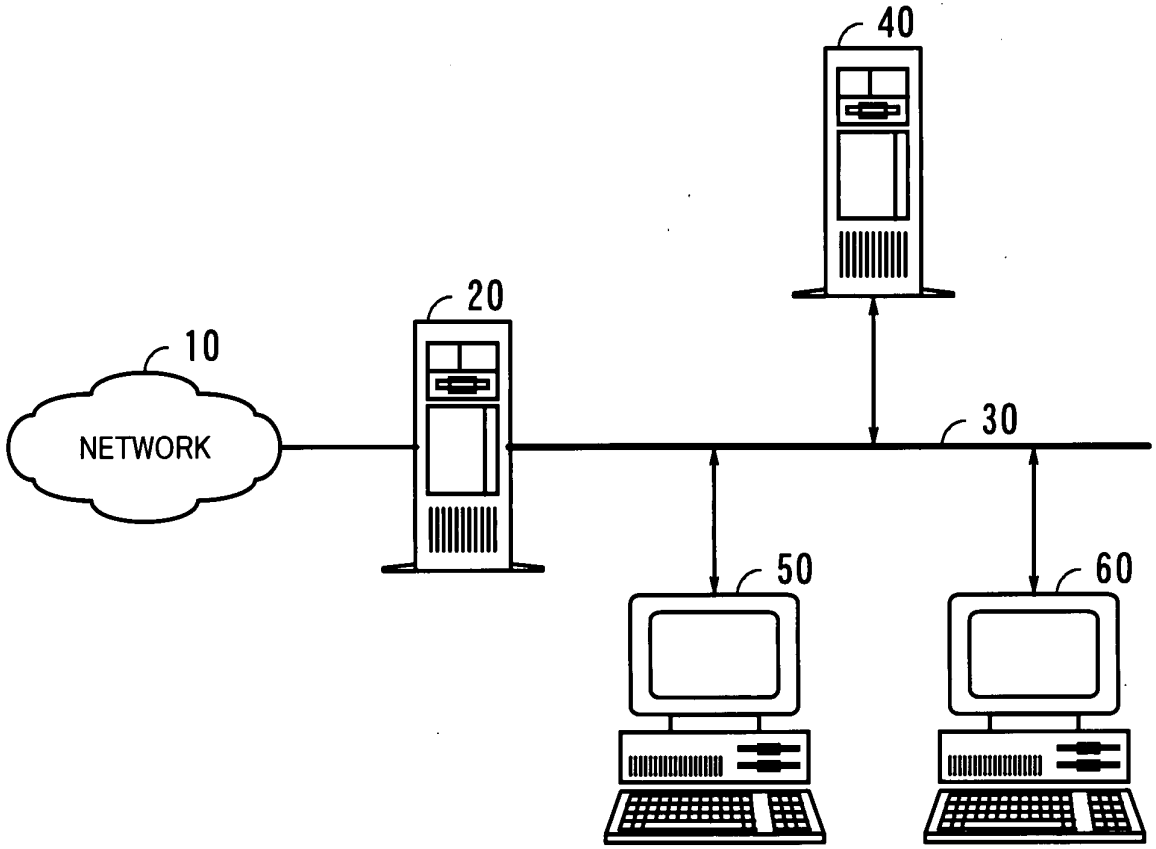

FIG.2

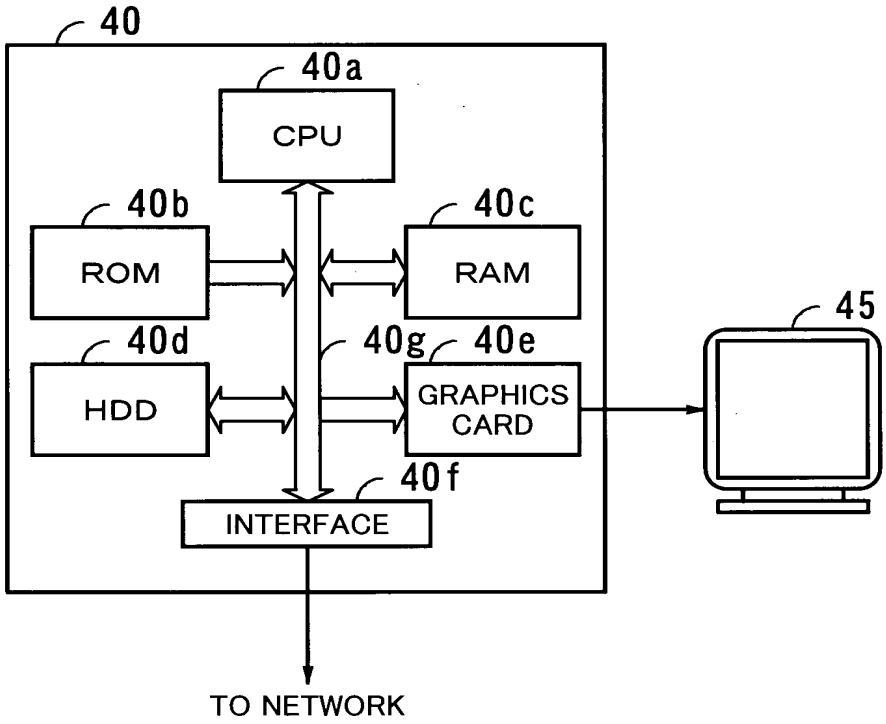
40
40a
CPU
40b
ROM
40c
RAM
40d
HDD
40g
40e
GRAPHICS CARD
45
40f
INTERFACE
TO NETWORK

FIG.3

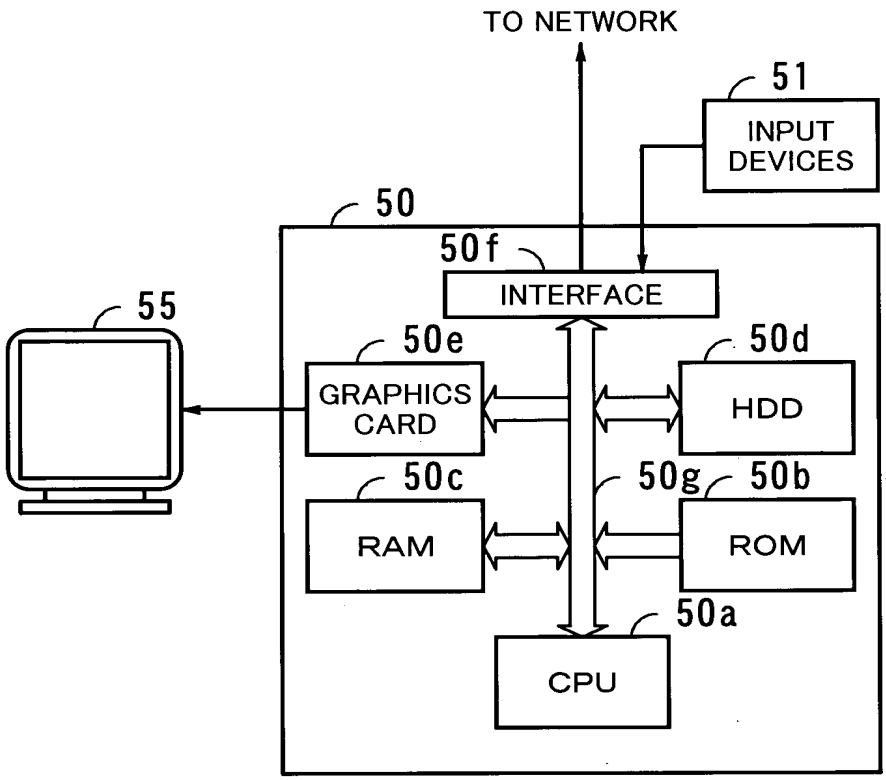
TO NETWORK
51
INPUT DEVICES
50
50f
INTERFACE
55
50e
GRAPHICS CARD
50d
HDD
50c
RAM
50g
50b
ROM
50a
CPU

FIG.4

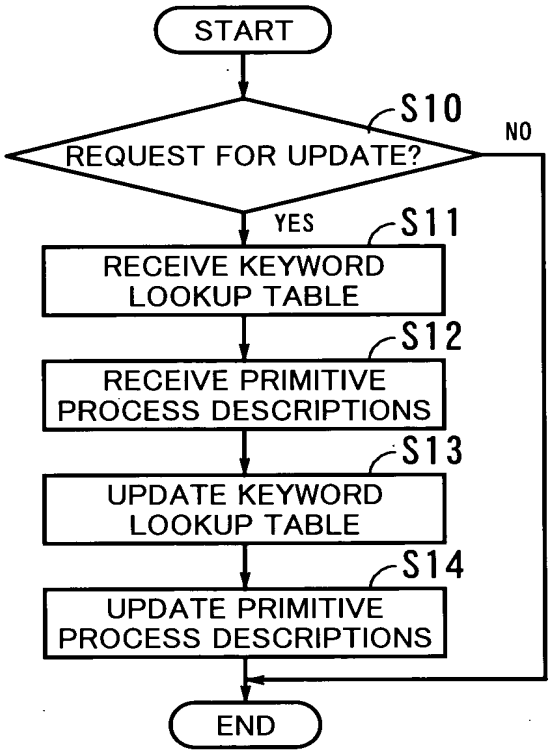
START
S10
REQUEST FOR UPDATE?
NO
YES
S11
RECEIVE KEYWORD LOOKUP TABLE
S12
RECEIVE PRIMITIVE PROCESS DESCRIPTIONS
S13
UPDATE KEYWORD LOOKUP TABLE
S14
UPDATE PRIMITIVE PROCESS DESCRIPTIONS
END

FIG.5

0001E0 h8526560

TYPE	PRIMARY SUB-KEYWORD	SECONDARY SUB-KEYWORD	ASSOCIATED PLUG-IN
MAIL	<URGENT:	BY ****>	TWPUrgentPlugin
MAIL	<MUST-READ	>	MustReadPlugin
MAIL	<TICKER	>	TickerPlugin
⋮	⋮	⋮	⋮
FORUM	<MUST-READ	>	MustReadPlugin

FIG.6

```
Public TWPUrgent Plugin implements TWPPlugin{
      // INITIALIZATION
      public void init(TWPMessage Context context, String arg);
      // MESSAGE RECEPTION
      public void arrived();
      // APPLICATION RESTART
      public void restarted();
      // MESSAGE SELECTION
      public void selected();
      // MESSAGE DELETION
      public void deleted();
}
```

FIG.7

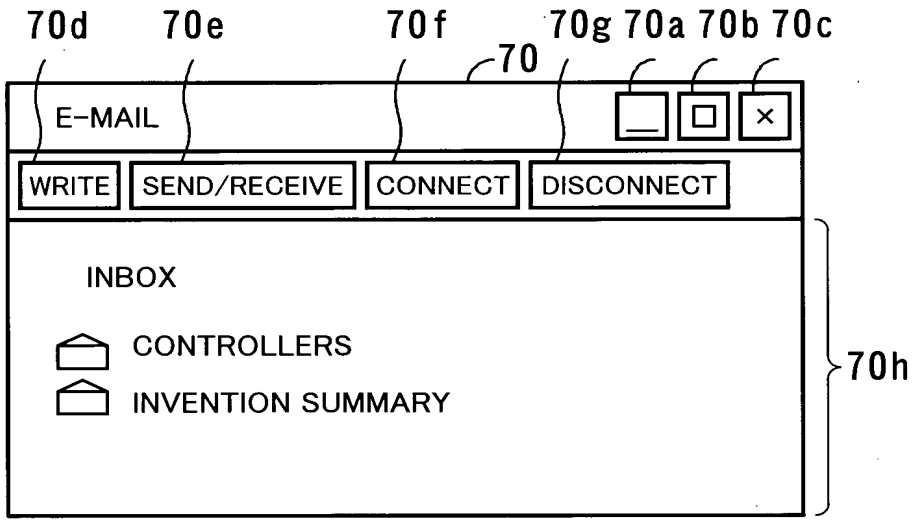
70d
70e
70f
70
70g
70a
70b
70c
E-MAIL
WRITE
SEND/RECEIVE
CONNECT
DISCONNECT
INBOX
CONTROLLERS
INVENTION SUMMARY
70h

FIG.8

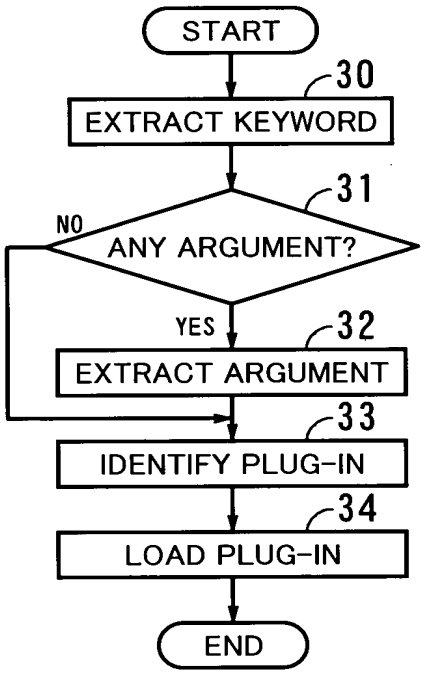
START
30
EXTRACT KEYWORD
31
NO
ANY ARGUMENT?
YES
32
EXTRACT ARGUMENT
33
IDENTIFY PLUG-IN
34
LOAD PLUG-IN
END

FIG.9

From: Manager<manager@bar>
To: Foo<foo@bar>
Date: Fri 11, Jul 1999 12:00:00 +900
Subject: <URGENT: BY 99/06/14>Correction of Document

The invention summary I sent you the other day
needs the following corrections...

.
.
.

FIG.10

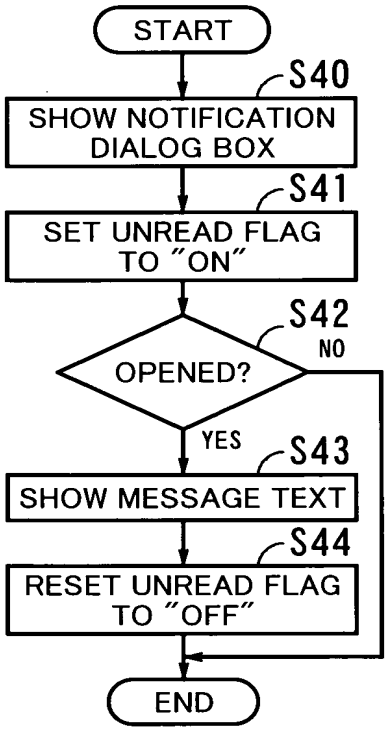
START
S40
SHOW NOTIFICATION DIALOG BOX
S41
SET UNREAD FLAG TO "ON"
S42
OPENED?
NO
YES
S43
SHOW MESSAGE TEXT
S44
RESET UNREAD FLAG TO "OFF"
END

FIG.11

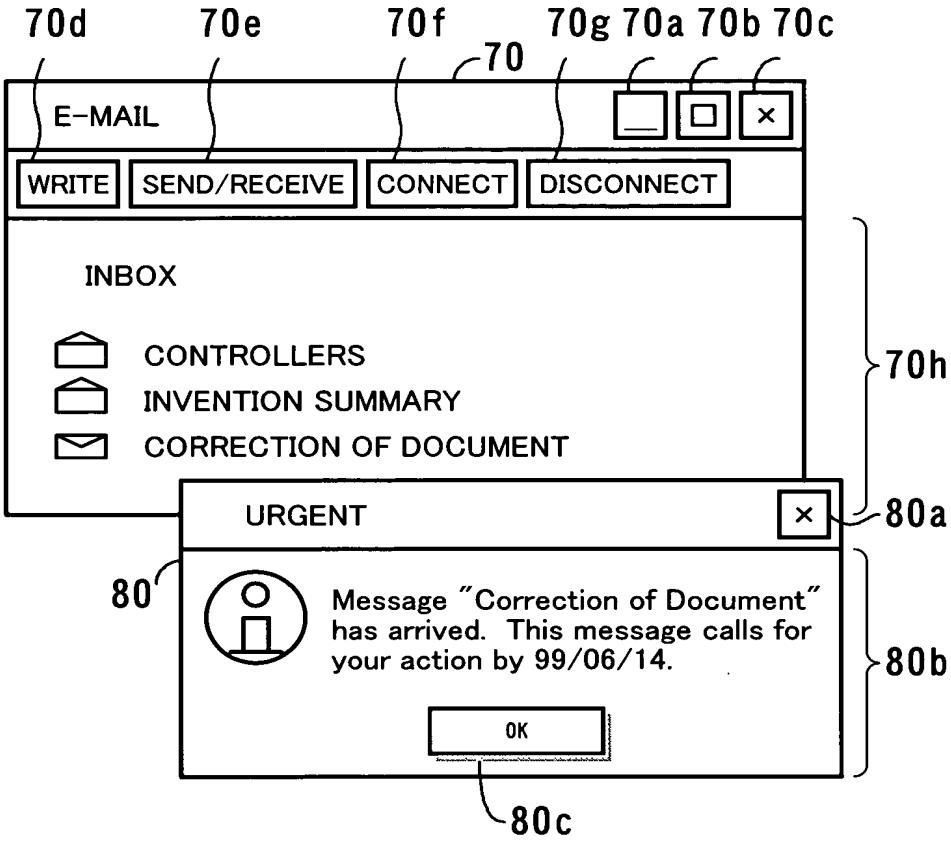
70d
70e
70f
70
70g 70a 70b 70c
E-MAIL
WRITE
SEND/RECEIVE
CONNECT
DISCONNECT
INBOX
CONTROLLERS
INVENTION SUMMARY
CORRECTION OF DOCUMENT
70h
URGENT
80a
80
Message "Correction of Document" has arrived. This message calls for your action by 99/06/14.
80b
OK
80c

FIG.12

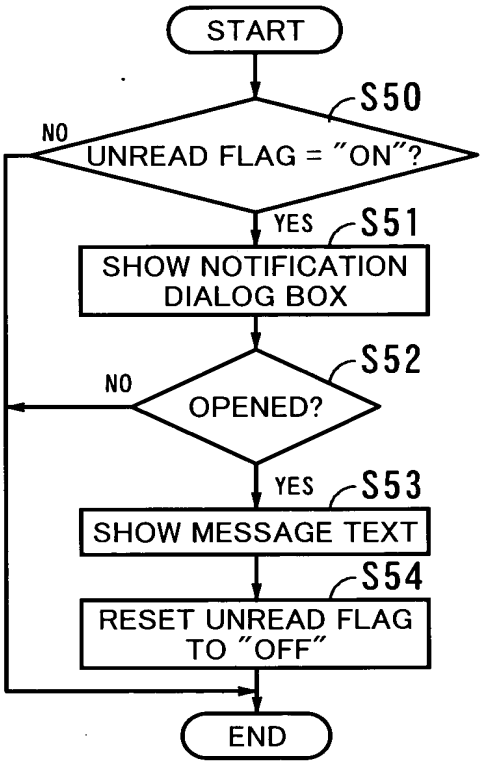
START
S50
NO
UNREAD FLAG = "ON"?
YES
S51
SHOW NOTIFICATION DIALOG BOX
S52
NO
OPENED?
YES
S53
SHOW MESSAGE TEXT
S54
RESET UNREAD FLAG TO "OFF"
END

FIG.13

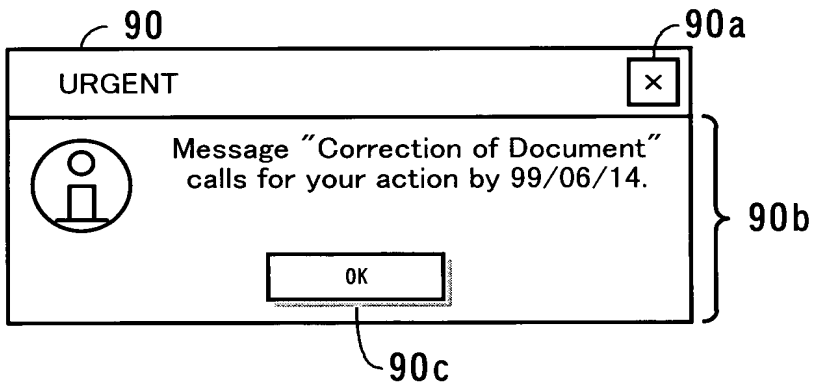
90
90a
URGENT
×
Message "Correction of Document"
calls for your action by 99/06/14.
90b
OK
90c

FIG.14

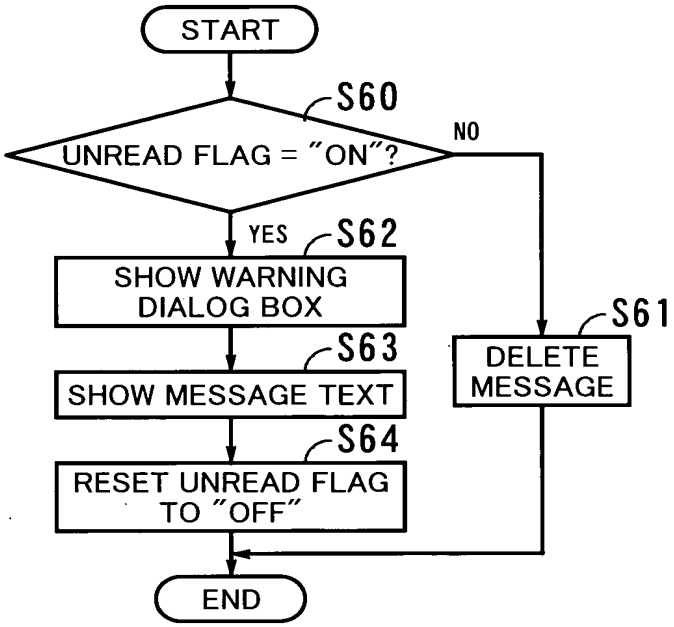
START
S60
UNREAD FLAG = "ON"?
NO
YES
S62
SHOW WARNING DIALOG BOX
S63
SHOW MESSAGE TEXT
S64
RESET UNREAD FLAG TO "OFF"
S61
DELETE MESSAGE
END

FIG.15

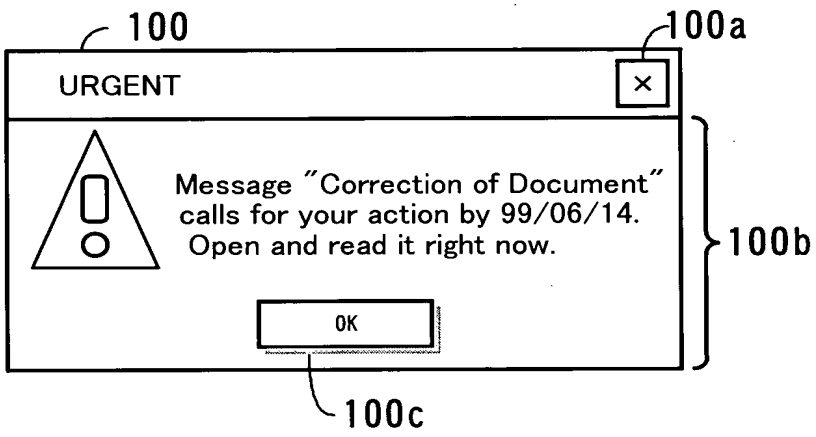
100
100a
URGENT
×
Message "Correction of Document"
calls for your action by 99/06/14.
Open and read it right now.
100b
OK
100c

FIG.16

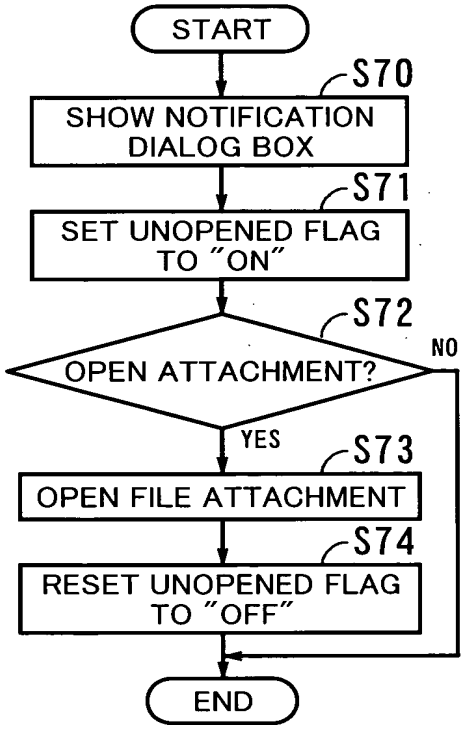
START
S70
SHOW NOTIFICATION DIALOG BOX
S71
SET UNOPENED FLAG TO "ON"
S72
OPEN ATTACHMENT?
NO
YES
S73
OPEN FILE ATTACHMENT
S74
RESET UNOPENED FLAG TO "OFF"
END

FIG.17

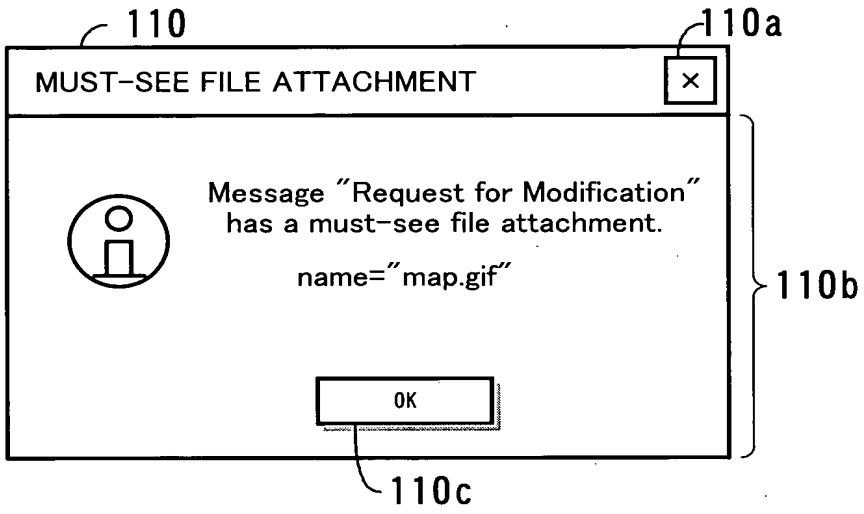
110
110a
MUST-SEE FILE ATTACHMENT
×
Message "Request for Modification"
has a must-see file attachment.
name="map.gif"
110b
OK
110c

FIG.18

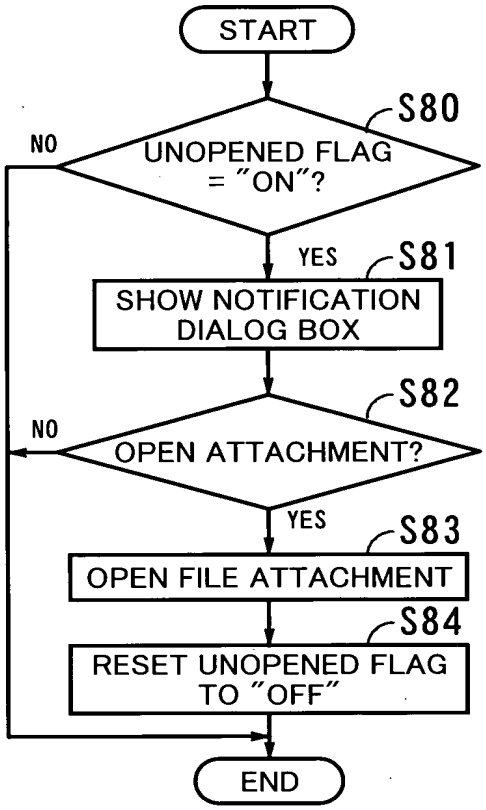
START
S80
NO
UNOPENED FLAG = "ON"?
YES
S81
SHOW NOTIFICATION DIALOG BOX
S82
NO
OPEN ATTACHMENT?
YES
S83
OPEN FILE ATTACHMENT
S84
RESET UNOPENED FLAG TO "OFF"
END

FIG.19

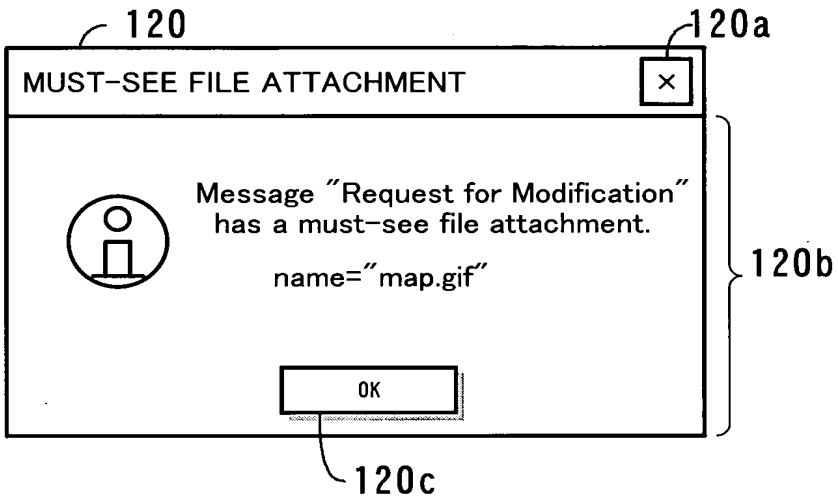
120
120a
MUST-SEE FILE ATTACHMENT
×
Message "Request for Modification" has a must-see file attachment.
name="map.gif"
120b
OK
120c

FIG.20

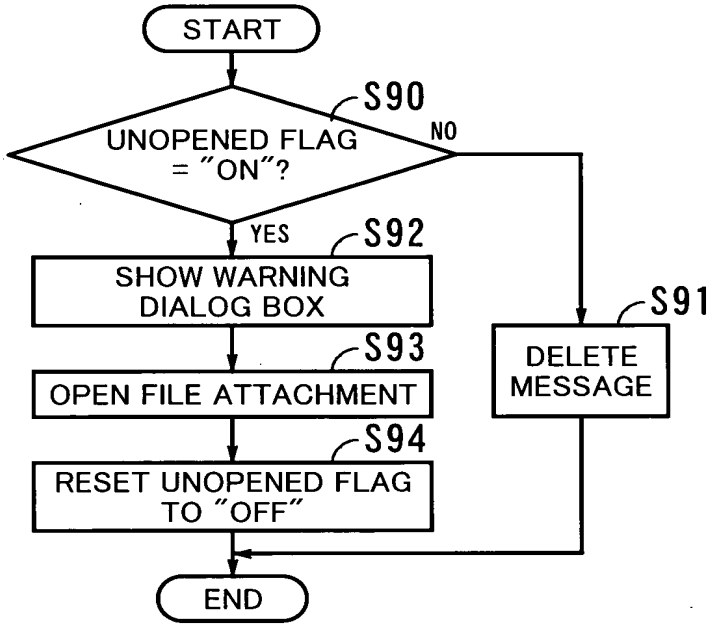
START
S90
UNOPENED FLAG = "ON"?
NO
YES
S92
SHOW WARNING DIALOG BOX
S93
OPEN FILE ATTACHMENT
S94
RESET UNOPENED FLAG TO "OFF"
S91
DELETE MESSAGE
END

FIG.21

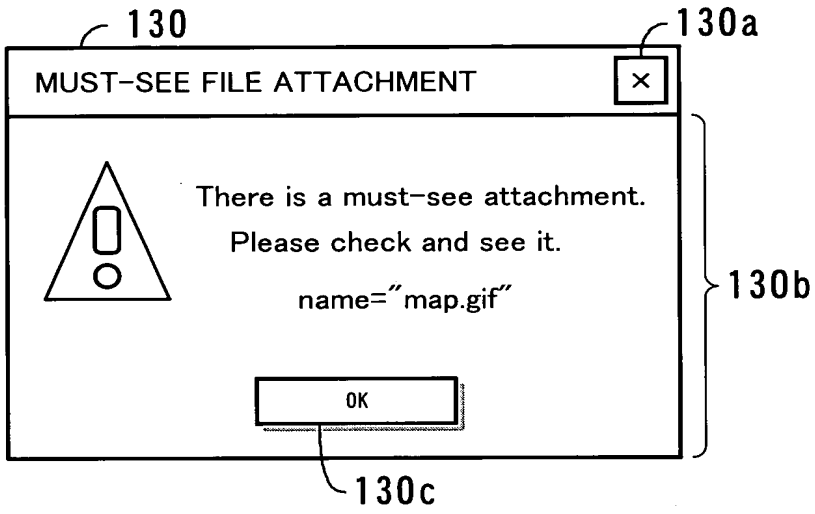
130
130a
MUST-SEE FILE ATTACHMENT
×
There is a must-see attachment.
Please check and see it.
name="map.gif"
130b
OK
130c

FIG.22

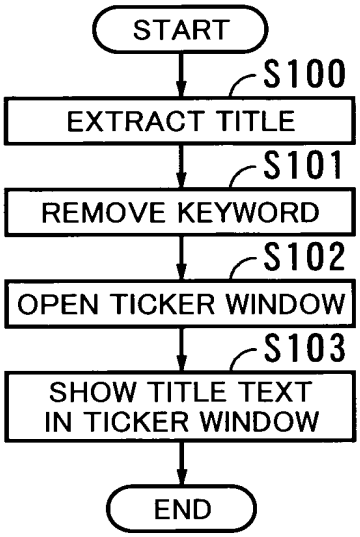
START
S100
EXTRACT TITLE
S101
REMOVE KEYWORD
S102
OPEN TICKER WINDOW
S103
SHOW TITLE TEXT
IN TICKER WINDOW
END

FIG.23

DOCTED" 08522560

FIG.24